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ABSTRACI

The fall 1992 and spring 1993 graduating classes of Owens Community College (OCC), in Ohio, were surveyed to assess their employment, salary, and educational status and determine their perceptions of their experience at OCC. Survey results, based on responses from over 90% (n=859) of the graduates, included the following: (1) 92% of respondents were employed, 75% full-time and 17% part-time; (2) 2% of the responding graduates were seeking employment and 6% were not; (3) 86% of the employed respondents were employed in their area of technical training; (4) 16% of the graduates indicated that they had been at their present position before enrolling at OCC, and 46% had been in their present position before graduating; (5) 25% of the graduates indicated that the OCC Placement Office was the source for obtaining their current position, while 42% reported that direct application led to employment; (6) 92% of the respondents were employed within the OCC Service District; (7) 41% of respondents earned an annual income of at least \$24,000, 27% earned between \$18,000 and \$23,999, and 19% earned between \$12,000 and \$17,999; (8) graduates reported an average hourly wage of \$9.59; (9) 23% chose to continue their education at area colleges and universities; (10) 95% reported that they were satisfied with their education earned at OCC; and (11) 38% reported that they would serve as career resources for other OCC graduates. (An institutional effectiveness flowchart; tables of findings for the divisions of health, business, industrial/engineering technology, and public service, and the survey instrument are appended.) (KP)

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Owens Community College Graduate Profile Academic Year 1992 - 1993



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i

Table of Contents

| Acknowledgements | i |
|--|---|
| Executive Summary | : |
| Introduction | 2 |
| Method | 2 |
| Results | |
| Appendix A | |
| Institutional Effectiveness Process | |
| Appendix B | |
| Graduate Profile Tables by Technology and Degree Program | |
| Appendix C | |
| Graduate Profile Survey | |
| Appendix D | |

Graduate Profile Summary





Executive Summary

The graduating classes of Fall 1992 and Spring 1993 were surveyed to assess employment status, salary status, educational status, and institutional perception. Eight hundred and fifty-nine graduates responded to the survey yielding a response rate of more than ninety percent. Results showed that ninety-two percent of the responding graduates were employed. Of the graduates employed, eighty-six percent reported to be working in a field related to their technical training. Sixty percent of the graduates reported to earn \$20,000 or greater annually. Twenty three percent reported to have enrolled at another college and ninety-five percent of respondents reported to be satisfied with the education earned at Owens.

- *92 percent of graduates reported to be employed
- *60 percent of the employed graduates reported to earn at least \$20,000 annually
- *23 percent of the graduates reported to have enrolled at another college
- "95 percent of the graduates reported to be satisfied with the education earned at Owens



The purpose of the Owens Community College Graduate Profile Study is to gather need-based information to improve student and community service and to gather need-based information as input for the Institutional Effectiveness Process (IEP). The IEP (Appendix A) integrates the components of institutional and environmental scanning (i.e. Graduate Profile Study), strategic and operational planning, academic and support services program evaluation, outcomes assessment, market planning, and budget development with the functional mission of the two-year college in Ohio: meeting community need through accessibility to quality higher education programs at the lowest possible cost. This study specifically assesses the graduates' employment status, salary status, educational status, and institutional perception.

The Graduate Profile Study also serves the institution by meeting the service expectations for Ohio's two-year colleges. Specifically, the study addresses two of the nine service expectations issued by the Ohio Board of Regents in 1993: service expectation 1.B and service expectation 9.B. Service Expectation 1.B requires the two-year institution to report trends in job placements for degree and certificate programs. Service Expectation 9.B requires that the two-year institution provide means to involve the community in college decision making. In the future, a percentage of instructional subsidy for two-year colleges in Ohio will be allocated relative to the extent which the institution fulfills the mission of the two-year college as measured by service expectation indicators.

Method

Subjects

A total of 859 graduates responded to the survey, 532 Fall 1992 graduates and 327 Spring 1993 graduates. The number of respondents by technology included: 321 Health graduates; 254 Business graduates; 212 Industrial/Engineering technologies graduates; and 71 Public Service graduates. One graduate was not identified by technology.

Apparatus

An eighteen item survey was developed by the Career Planning and Placement Office to assess the graduates' employment status, salary status, educational status, and institutional perception (Appendix C).

Procedure

The Career Planning and Placement Office mailed each graduate a survey several months subsequent to graduation. As incentive to complete and return the survey, graduates were offered a free grade transcript. Non-respondents were mailed a second survey and contacted by phone to assure an adequate response rate.



2

Results

Graduate Employment Status

Results showed that ninety-two percent of respondents were employed (75% Full-Time, 17% Part-Time), two percent were seeking employment, and six percent were not seeking employment. Eighty-six percent of respondents reported to be employed in their area of technical training. Sixteen percent of the graduates reported to be working at their present position before enrolling at Owens and forty-six percent reported to be working at their present position before graduating.

Twenty-five percent of graduates reported that the Owens Placement Office was the source for obtaining their current position while forty-two percent reported that direct application led to employment. Thirty-three percent of responding graduates reported other placement sources.

Ninety-two percent of graduates reported to be employed within the Owens Community College Service District. Sixty-six percent reported to be employed within Lucas County, fifteen percent in Wood County, and eleven percent in Hancock County.

Graduate Salary Status

Results s'iowed that forty-one percent of the responding graduates earned an annual income of at least \$24,000. Twenty-seven percent reported to earn an annual income of \$18,000 - \$23,999, and nineteen percent reported to earn \$12,000-\$17,999. Graduates reported to earn an average hourly wage of \$9.59 ($\underline{SD} = \5.09).

Graduate Educational Status

Twenty-three percent of the responding graduates chose to continue their education at area colleges and universities.

Graduate Perception of the Institution

Ninety-five percent of the responding graduates reported to be satisfied with the education earned at Owens Community College. Forty-six percent reported to be interested in taking additional classes offered by Owens and thirty-eight percent reported that they would serve as career resources for other Owens Community College graduates.

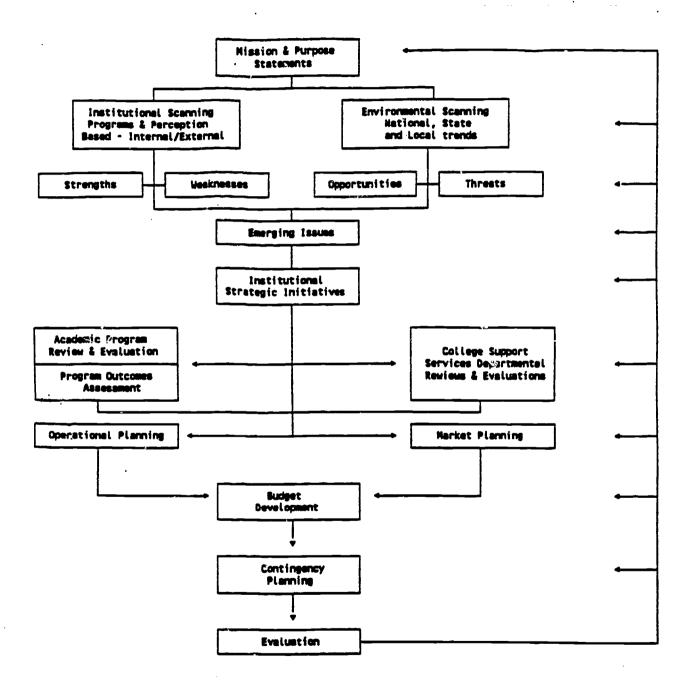
* The information presented in the result section is also summarized in the Owens Graduate Profile Summary (Appendix D).



7

Appendix A

INSTITUTIONAL EFFECTIVENESS PROCESS (Flowchart)





Appendix B



List of Tables

The tables presented in Appendix B show comparisons by the total responding graduates for academic year 1992-1993, by technology for academic year 1992-1993, and by degree program for academic year 1992-1993.

<u>Table</u>

Health

| H.1 | Employment Status |
|-----|---|
| H.2 | Education-Related Employment |
| H.3 | Position secured before enrolling at Owens |
| H.4 | Position secured before graduating from Owens |
| H.5 | Source of Job Placement |
| H.6 | Annual Salary |
| H.7 | Post-Graduation Enrollment |
| H.8 | Educational Satisfaction |
| H.9 | Interest in Additional Owens Coursework |

Business

| B.1 | | Employment Status |
|------------|---|---|
| B.2 | | Education-Related Employment |
| B.3 | | Position secured before enrolling at Owens |
| B.4 | • | Position secured before graduating from Owens |
| B.5 | | Source of Job Placemen: |
| B.6 | | Annual Salary |
| B.7 | | Post-Graduation Enrollment |
| B.8 | | Educational Satisfaction |
| B.9 | | Interest in Additional Owens Coursework |



^{*}Rows and columns not totaling 100 percent is due to rounding.

Industrial/Engineering Technologies

| E.1 | Employment Status |
|-----|---|
| E.2 | Education-Related Employment |
| E.3 | Position secured before enrolling at Owens |
| E.4 | Position secured before graduating from Owens |
| E.5 | Source of Job Placement |
| E.6 | Annual Salary |
| E.7 | Post-Graduation Enrollment |
| E.8 | Educational Satisfaction |
| E.9 | Interest in Additional Owens Coursework |

Public Service

| PS.1 | Employment Status |
|------|---|
| PS.2 | Education-Related Employment |
| PS.3 | Position secured before enrolling at Owens |
| PS.4 | Position secured before graduating from Owens |
| PS.5 | Source of Job Placement |
| PS.6 | Annual Salary |
| PS.7 | Post-Graduation Enrollment |
| PS.8 | Educational Satisfaction |
| PS.9 | Interest in Additional Owens Coursework |



Health Technologies

Table H.1 Employment Status

Health

| | N | Full-Time (%) | Part-Time (%) | Seeking (%) | Not Seeking (%) |
|----------------------|-----|---------------|---------------|-------------|--------------------|
| Graduate Total | 818 | 75 | 17 | 2 | 6 |
| Health Total | 311 | 81 | 17 | o | 2 |
| RN | 198 | 77 | 22 | 1 | 1 |
| Radiography | 34 | 72 | 28 | 0 | 0 |
| Radiation Therapy | 9 | 100 | 0 | 0 | 0 |
| Ultra Sound | 10 | 100 | 0 | 0 | 0 |
| Dental Hygiene | 18 | 72 | 28 | 0 | 0 |
| Optometric | 6 | 83 | 17 | 0 | 0 |
| Dietetic | 7 | 43 | 43 | 0 | 14 |
| PTA | 17 | 88 | 6 | 0 | 6 |
| Surgical | 12 | 92 | 8 | 0 | 0 |



Table H.2 Is your present job related to your college major?

Health

| | N | Yes (%) | No (%) |
|-------------------|------|---------|--------|
| Graduate Total | 756 | 86 | 14 |
| Health Total | 306 | 94 | 6 |
| RN | 193 | 97 | 3 |
| Radiography | 34 | 98 | 2 |
| Radiation Therapy | 9 | 100 | 0 |
| Ultra Sound | · 10 | 100 | 0 |
| Dental Hygiene | 18 | 100 | 0 |
| Optometric | 6 | 100 | 0 |
| Dietetic | 6 | 67 | 33 |
| PTA | 16 | 100 | 0 |
| Surgical | 14 | 86 | 14 |



Table H.3 Were you working at this position before enrolling at Owens?

| | N | Yes (%) | No (%) |
|-------------------|-----|---------|--------|
| Graduate Total | 758 | 46 | 54 |
| Health Total | 305 | 14 | 86 |
| RN | 192 | 10 | 90 |
| Radiography | 34 | 3 | 98 |
| Radiation Therapy | 9 | . 0 | 100 |
| Ultra Sound | 10 | 0 | 100 |
| Dental Hygiene | 18 | 0 | 100 |
| Optometric | 6 | 0 | 100 |
| Dietetic | 6 | 17 | 83 |
| РТА | 16 | 0 | 100 |
| Surgical | 14 | 93 | 7 |

Table H.4 Were you working at this position before graduation?

| | N | Yes (%) | No (%) |
|-------------------|-----|---------|--------|
| Graduate Total | 758 | 46 | 54 |
| Health Total | 303 | 16 | 84 |
| RN | 191 | . 25 | 75 |
| Radiography | 34 | 22 | 78 |
| Radiation Therapy | . 9 | 11 | 89 |
| Ultra Sound | 10 | 0 | 100 |
| Dental Hygiene | 18 | 0 | 100 |
| Optometric | 6 | 17 | 83 |
| Dietetic | 6 | 33 | 67 |
| РТА | 16 | 13 | 88 |
| Surgical | 13 | 23 | 77 |



Table H.5 Source of job placement

| · | N | Placement Office (%) | Direct Application (%) | Other (%) |
|-------------------|-----|-------------------------|---------------------------|-----------|
| Graduate Total | 711 | 25 | 42 | 33 |
| Health Total | 279 | 25 | 42 | 33 |
| RN | 176 | 3 | 61 | 36 |
| Radiography | 32 | 17 | 73 | 11 |
| Radiation Therapy | 9 | 67 | 22 | 11 |
| Ultra Sound | 10 | 70 | 20 | 10 |
| Dental Hygiene | 17 | 59 | 6 | 35 |
| Optometric | 5 | 0 | 60 | 40 |
| Dietetic | 5 | 0 | 80 | 20 |
| PTA | 15 | 7 | 40 | 53 |
| Surgical | 10 | 0 | 20 | 80 |



Table H.6 Annual Salary

Health

| | N | <\$12,000 (%) | \$12,000- \$17,999 (%) | \$18,000- \$23,999 (%) | >\$24,000 (%) |
|----------------------|-----|---------------|---------------------------|---------------------------|---------------|
| Graduate Total | 653 | 13 | 19 | 27 | 41 |
| Health Total | 265 | 2 | 14 | 36 | 48 |
| RN | 169 | 4 | 4 | 11 | 83 |
| Radiography | 27 | 0 | 12 | 84 | 5 |
| Radiation Therapy | 9 | 0 | 0 | 0 | 100 |
| Ultra Sound | 10 | 0 | 0 | 90 | 10 |
| Dental Hygiene | 13 | 0 | 0 | 0 | 100 |
| Optometric | 5 | 0 | 80 | 20 | . 0 |
| Dietetic | 3 | 0 | 33 | 33 | 33 |
| РТА | 15 | 0 | 0 | 0 | 100 |
| Surgical | 14 | 14 | 0 | 86 | 0 |



Table H.7 Have you enrolled at another college or university since graduation?

| | N | Yes (%) | No (%) |
|-------------------|-----|---------|--------|
| Graduate Total | 430 | 23 | 77 |
| Health Total | 169 | 5 | 95 |
| RN . | 124 | 8 | 92 |
| Radiography | 12 | 9 | 92 |
| Radiation Therapy | 2 | 0 | 100 |
| Ultra Sound | 2 | O | 100 |
| Denta! Hygiene | 12 | 0 | 100 |
| Optometric | 3 | 0 | 100 |
| Dietetic | 1 | 0 | 100 |
| РТА | 8 | 0 | 100 |
| Surgical | 5 | 25 | 75 |

Table H.8 Were you satisfied with your education at Owens?

| | N | Yes (%) | No (%) |
|-------------------|-----|---------|--------|
| Graduate Total | 363 | 95 | 5 |
| Health Total | 154 | 93 | 7 |
| RN | 116 | 91 | 9 |
| Radiography | 7 | 100 | 0 |
| Radiation Therapy | 2 | 50 | 50 |
| Ultra Sound | 2 | 100 | 0 |
| Dental Hygiene | 11 | 100 | 0 |
| Optometric | 3 | 100 | 0 |
| Dietetic | 1 | 100 | 0 |
| PTA | 7 | 100 | 0 |
| Surgical | 5 | 100 | 0 |



Table H.9 Are you interested in taking other courses at Owens?

| | N | Yes (%) | No (%) |
|-------------------|-----|---------|--------|
| Graduate Total | 330 | 46 | 55 |
| Health Total | 143 | 31 | 69 |
| RN | 105 | 34 | 66 |
| Radiography | 8 | 37 | 64 |
| Radiation Therapy | - 2 | 0 | 100 |
| Ultra Sound | 2 | 0 | 100 |
| Dental Hygiene | 12 | 33 | 67 |
| Optometric | 3 | 67 | 33 |
| Dietetic | 1 | 0 | 100 |
| PTA | 6 | 33 | 67 |
| Surgical | 4 | 75 | 25 |



Business Technologies

Table B.1 Employment Status

| | N | Full-Time (%) | Part-Time (%) | Seeking (%) | Not Seeking (%) |
|----------------------------------|-----|---------------|---------------|-------------|--------------------|
| Graduate Total | 818 | 75 | 17 | 2 | 6 |
| Business Total | 241 | 78 | 13 | 2 | 7 |
| Business Management | 60 | 65 | 17 | 2 | 17 |
| Accounting | 37 | 86 | 5 | 3 | 5 |
| Financial Management | 12 | 67 | 25 | 0 | 8 |
| Marketing | 34 | 74 | 9 | 6 | 12 |
| Fashion Merchandising | 4 | 75 | 25 | 0 | 0 |
| Food Service | 11 | 64 | 27 | 0 | 9 |
| Secretarial/Word Processing | 29 | 69 | 17 | 3 | 10 |
| Computer Programming | 6 | 83 | 0 | 0 | 17 |
| Microcomputer Business System | 30 | 63 | 20 | 10 | 7 |
| Landscape/Turf | 8 | 88 | 13 | 0 | 0 |
| Agri-Business | 9 | 100 | 0 | 0 | 0 |
| Industrial Marketing | 1 | 100 | 0 | 0 | 0 |

Table B.2 Is your present job related to your college major?

| | N · | Yes (%) | No (%) |
|----------------------------------|-----|---------|--------|
| Graduate Total | 756 | 86 | 14 |
| Business Total | 188 | 80 | 20 |
| Business Management | 50 | 76 | 24 |
| Accounting | 31 | 90 | 10 |
| Financial Management | 7 | 86 | 14 |
| Marketing | 28 | 79 | 21 |
| Fashion Merchandising | 4 | 75 | 25 |
| Food Service | 9 | 78 | 22 |
| Secretarial/Word Processing | 26 | 88 | 12 |
| Computer Programming | 5 | 40 | 60 |
| Microcomputer Business System | 10 | 90 | 10 |
| Landscape/Turf | 9 | 100 | 0 |
| Agri-Business | 9 | 78 | 22 |



Table B.3 Were you working at this position before enrolling at Owens?

| | N | Yes (%) | No (%) |
|----------------------------------|-----|---------|--------|
| Graduate Total | 758 | 46 | 54 |
| Business Total | 162 | 23 | 77 |
| Business Management | 7 | 34 | 66 |
| Accounting | 33 | 12 | 88 |
| Financial Management | 7 | 29 | 71 |
| Marketing | 27 | 33 | 67 |
| Fashion Merchandising | 4 | 0 | 100 |
| Food Service | 9 | 0 | 100 |
| Secretarial/Word Processing | 26 | 7 | 92 |
| Computer Programming | 5 | 20 | 80 |
| Microcomputer Business System | 26 | 36 | 64 |
| Landscape/Turf | 9 | 11 | 89 |
| Agri-Business | 9 | 71 | 29 |



Table B.4 Were you working at this position before graduation?

| | N | Yes (%) | No (%) |
|----------------------------------|-----|---------|--------|
| Graduat Total | 758 | 46 | 54 |
| Business Total | 208 | 63 | 37 |
| Business Management | 53 | 66 | 34 |
| Accounting | 33 | 51 | 49 |
| Financial Management | 7 | 43 | 57 |
| Marketing | 27 | 78 | 22 |
| Fashion Merchandising | 4 | 100 | 0 |
| Food Service | မ | 67 | 33 |
| Secretarial/Word Processing | 26 | 58 | 42 |
| Computer Programming | 5 | 20 | 80 |
| Microcomputer Business System | 28 | 73 | 27 |
| Landscape/Turf | 9 | 78 | 22 |
| Agri-Business | 9 | 56 | 44 |



Table B.5 Source of job placement

Busi. iess

| | N | Placement Office (%) | Direct Application (%) | Other (%) |
|----------------------------------|-----|-------------------------|---------------------------|-----------|
| Graduate Total | 711 | 25 | 42 | 33 |
| Business Total | 176 | 40 | 26 | 34 |
| Business Management | 51 | 33 | 40 | 27 |
| Accounting | 8 | 55 | 26 | 19 |
| Financial Management | 7 | 43 | 14 | 43 |
| Marketing | 28 | 18 | 39 | 43 |
| Fashion Merchandising | 4 | 25 | 25 | 50 |
| Food Service | 7 | 14 | 29 | 57 |
| Secretarial/Word Processing | 27 | 52 | 19 | 29 |
| Computer Programming | 4 | 75 | 25 | 0 |
| Microcomputer Business System | 24 | 46 | 38 | 16 |
| Landscape/Turf | 9 | . 0 | 44 | 56 |
| Agri-Business | 6 | 17 | 17 | 66 |
| Industrial Marketing | 1 | 100 | 0 | 0 |



Table B.6 Annual Salary

Business

| | N | <\$12,000 (%) | \$12,000- \$17,999(%) | \$18,000- \$23,999 (%) | >\$24,000 (%) |
|----------------------------------|-----|---------------|--------------------------|---------------------------|---------------|
| Graduate Total | 653 | 13 | 19 | 27 | 41 |
| Business Total | 165 | 25 | 37 | 28 | 10 |
| Business Management | 42 | 17 | 25 | 24 | 36 |
| Accounting | 21 | 14 | 48 | 34 | 5 |
| Financial Management | 8 | 13 | 51 | 25 | 13 |
| Marketing | 22 | 32 | 37 | 19 | 14 |
| Fashion Merchandising | 2 | 50 | 50 | . 0 | 0 |
| Food Service | 9 | 78 | 0 | 22 | 0 |
| Secretarial/Word Processing | 14 | 14 | 85 | 0 | 0 |
| Computer Programming | 5 | 0 | 20 | 40 | 40 |
| Microcomputer Business System | 24 | 13 | 46 | 37 | 4 |
| Landscape/Turf | 8 | 50 | 38 | 13 | o |
| Agri-Business | 9 | 22 | 44 | 24 | 11 |
| Industrial Marketing | 1 | 0 | 0 | 100 | 0 |



Table B.7 Have you enrolled at another college or university since graduation?

| | N . | Yes (%) | No (%) |
|----------------------------------|-----|---------|--------|
| Graduate Total | 430 | 23 | 77 |
| Business Total | 125 | 33 | 67 |
| Business Management | 32 | 50 | 50 |
| Accounting | 15 | 27 | 73 |
| Financial Management | 7 | 71 | 29 |
| Marketing | 19 | 42 | 58 |
| Fashion Merchandising | 3 | 67 | 33 |
| Food Service | 8 | 13 | 88 |
| Secretarial/Word Processing | 17 | 12 | 88 |
| Computer Programming | 2 | 50 | 50 |
| Microcomputer Business System | 17 | 29 | 71 |
| Landscape/Turf | 2 | 0 | 100 |
| Agri-Business | 3 | 0 | 100 |



Table B.8 Were you satisfied with your education at Owens?

| | N · | Yes (%) | No (%) |
|----------------------------------|-----|---------|--------|
| Graduate Total | 363 | 95 | 5 |
| Business Total | 96 | 99 | 1 |
| Business Management | 24 | 100 | 0 |
| Accounting | 12 | 100 | 0 |
| Financial Management | 4 | 100 | 0 |
| Marketing | 12 | 100 | 0 |
| Fashion Merchandising | 1 | 100 | 0 |
| Food Service | 7 | 100 | 0 |
| Secretarial/Word Processing | 16 | 94 | 6 |
| Computer Programming | 1 | 100 | 0 |
| Microcomputer Business System | 14 | 100 | 0 |
| Landscape/Turf | 2 | 100 | 0 |
| Agri-Business | 3 | 100 | 0 |



Table B.9 Are you interested in taking other courses at Owens?

| | N | Yes (%) | No (%) |
|----------------------------------|-----|---------|----------------|
| Graduate Total | 330 | 46 | 55 |
| Business Total | 89 | 33 | 67 |
| Business Management | 21 | 48 | 52 |
| Accounting | 11 | 73 | 27 |
| Financial Management | 2 | 0 | 100 |
| Marketing | 12 | 33 | 6 7 |
| Fashion Merchandising | 2 | 50 | 50 |
| Food Service | 5 | 40 | 60 |
| Secretarial/Word Processing | 15 | 60 | 40 |
| Computer Programming | 1 | 0 | 100 |
| Microcomputer Business System | 15 | 60 | 40 |
| Landscape/Turf | 2 | 0 | 100 |
| Agri-Business | 3 | 0 | 100 |



Industrial/Engineering Technologies



Table E.1 Employment Status

Industrial/Engineering Technologies

| | N | Full-Time (%) | Part-Time (%) | Seeking (%) | Not Seeking (%) |
|-----------------------------|-----|---------------|------------------|-------------|--------------------|
| Graduate Total | 818 | 75 | 17 | 2 | 6 |
| Engineering Total | 200 | 76 | 17 | 2 | 4 |
| Bio-Medical | 10 | 80 | 10 | 10 | 0 |
| Computer Electronics | 13 | 85 | 8 | 8 | 0 |
| Electronics | 16 | 75 | 13 | 0 | 13 |
| Telecommunication | 5 | . 80 | 0 | 0 | 20 |
| Industrial Electronics | 6 | 83 | 17 | 0 | 0 |
| Statistical Process Control | 5 | 100 | o | 0 | 0 |
| САМ | 5 | 80 | 20 | 0 | 0 |
| CAD | 37 | 86 | 8, | 0 | 5 |
| СТІ | 6 | 50 | 50 | 0 | 0 |
| Automotive Tech | 12 | 67 | 8 | O | 25 |
| Autobody Repair | 4 | 75 | 25 | 0 | o |
| Diesel | 7 | 86 | 14 | 0 | 0 |
| AIT Building Maintenance | 5 | 20 | 60 | 20 | 0 |
| AIT Mechanical | 6 | 100 | o | 0 | 0 |
| Welding | 1 | 0 | 100 | 0 | 0 |
| AIT Electronics | 8 | 75 | 13 | 0 | 13 |
| Industrial Trades | 6 | 100 | 0 | 0 | 0 |
| ASEP | 5 | 100 | 0 | 0 | 0 |
| Civil Engineering | 20 | 70 | 10 | 5 | 15 |
| Mechanical Engineering | 11 | 100 | 0 | 0 | 0 |
| Electro-Mechanical | 12 | 83 | 8 | 8 | О |



Table E.2 Is your present job related to your college major?

Industrial/Engineering Technologies

| | N · | Yes (%) | No (%) |
|-----------------------------|-----|---------|--------|
| Graduate Total | 756 | 86 | 14 |
| Engineering Total | 185 | 79 | 21 |
| Bio-Medical | 9 | 56 | 44 |
| Computer Electronics | 11 | 82 | 18 |
| Electronics | 15 | 73 | 27 |
| Telecommunication | 4 | 75 | 25 |
| Industrial Electronics | 6 | 83 | 17 |
| Statistical Process Control | 5 | 80 | 20 |
| CAM | 4 | 100 | 0 |
| CAD | 36 | 86 | 14 |
| СТІ | 6 | 67 | 33 |
| Automotive Tech | 9 | 67 | 33 |
| Autobody Repair | 4 | 75 | 25 |
| Diesel | 7 | 43 | 57 |
| AIT Building Maintenance | 4 | 50 | 50 |
| AIT Mechanical | 6 | 100 | 0 |
| Welding | 1 | 100 | 0 |
| AIT Electronics | 7 | 71 | 29 |
| Industrial Trades | 6 | 100 | 0 |
| ASEP | 6 | 100 | 0 |
| Civil Engineering | 17 | 71 | 29 |
| Mechanical Engineering | 10 | 90 | 10 |
| Electro-Mechanical | 12 | 92 | 8 |



Table E.3 Were you working at this position before enrolling at Owens?

Industrial/Engineering Technologies

| | N. | Yes (%) | No (%) |
|-----------------------------|-----|---------|--------|
| Graduate Total | 758 | 46 | 54 |
| Engineering Total | 188 | 22 | 78 |
| Bio-Medical | 9 | 0 | 100 |
| Computer Electronics | 11 | 27 | 73 |
| Electronics | 15 | 13 | 87 |
| Telecommunication | 4 | 25 | 75 |
| Industrial Electronics | 7 | 57 | 43 |
| Statistical Process Control | 5 | 20 | 80 |
| CAM | . 4 | 25 | 75 |
| CAD | 36 | 11 | 89 |
| СТІ | 6 | 17 | 83 |
| Automotive Tech | 10 | 30 | 70 |
| Autobody Repair | 4 | 0 | 100 |
| Diesel | 7 | 43 | 57 |
| AIT Building Maintenance | 4 | 25 | 75 |
| AIT Mechanical | 7 | 71 | 29 |
| Welding | 1 | 0 | 100 |
| AIT Electronics | 7 | 0 | 100 |
| Industrial Trades | 5 | 29 | 71 |
| ASEP | 6 | o | 100 |
| Civil Engineering | 17 | 12 | 88 |
| Mechanical Engineering | 11 | 36 | 64 |
| Electro-Mechanical | 12 | 17 | 83 |



Table E.4 Were you working at this position before graduation?

| | N | Yes (%) | No (%) |
|-----------------------------|-----|---------|--------|
| Graduate Total | 758 | 46 | 54 |
| Engineering Total | 187 | 67 | 33 |
| Bio-Medical | 9 | 44 | 56 |
| Computer Electronics | 11 | 55 | 45 |
| Electronics | 15 | 53 | 47 |
| Telecommunication | 4 | 50 | 50 |
| Industrial Electronics | 6 | 50 | 50 |
| Statistical Process Control | 5 | 60 | 40 |
| CAM | 4 | 75 | 25 |
| CAD | 35 | 60 | 40 |
| СТІ | 6 | 33 | 67 |
| Automotive Tech | 10 | 90 | 10 |
| Autobody Repair | 4 | 50 | 50 |
| Diesel | 7 | 71 | 29 |
| AIT Building Maintenance | 4 | 75 | 25 |
| AIT Mechanical | 7 | 86 | 14 |
| Welding | 1 | 100 | 0 |
| AIT Electronics | 7 | 71 | 29 |
| Industrial Trades | . 6 | 100 | 0 |
| ASEP | 6 | 83 | 17 |
| Civil Engineering | 17 | 71 | 29 |
| Mechanical Engineering | 11 | 73 | 27 |
| Electro-Mechanical | 12 | 58 | 42 |





Table E.5 Source of Job Placement

Industrial/Engineering Technologies

| | N | Placement Office (%) | Direct Application (%) | Other (%) |
|-----------------------------|-----|-------------------------|---------------------------|-----------|
| Graduate Total | 711 | 25 | 42 | 33 |
| Engineering Total | 178 | 31 | 41 | 29 |
| Bio-Medical | 9 | 56 | 33 | 11 |
| Computer Electronics | 11 | 55 | 27 | 18 |
| Electronics | 15 | 53 | 33 | 14 |
| Telecommunication | 4 | 25 | 50 | 25 |
| Industrial Electronics | 6 | 33 | 17 | 50 |
| Statistical Process Control | 5 | 20 | 60 | 20 |
| CAM | 3 | 67 | 33 | 0 |
| CAD | 35 | 54 | 20 | 26 |
| СТІ | 5 | 60 | 40 | 0 |
| Automotive Tech | 9 | 11 | 33 | 56 |
| Autobody Repair | 3 | 33 | 0 | 67 |
| Diesel | 6 | 0 | 33 | 67 |
| AIT Building Maintenance | 4 | 25 | 50 | 25 |
| AIT Mechanical | 6 | 17 | 83 | 0 |
| Welding | 1 | 0 | 0 | 100 |
| AIT Electronics | 7 . | 14 | 43 | 43 |
| Industrial Trades | 6 | 0 | 100 | 0 |
| ASEP | 6 | 0 | 100 | 0 |
| Civil Engineering | 15 | 13 | 47 | 40 |
| Mechanical Engineering | 10 | 40 | 30 | 30 |
| Electro-Mechanical | 12 | 67 | 25 | 8 |



Table E.6 Annual Salary Industrial/Engineering Technologies

| | | • • | · · · · · · · · · · · · · · · · · · · | | |
|--------------------------------|------|---------------|---------------------------------------|---------------------------|---------------|
| | N | <\$12,000 (%) | \$12,000- \$17,999 (%) | \$18,000- \$23,999 (%) | >\$24,000 (%) |
| Graduate Total | 653 | 13 | 19 | 27 | 41 |
| Engineering Total | 171 | 12 | 18 | 38 | 32 |
| Bio-Medical | 8 | 0 | 0 | 88 | 13 |
| Computer Electronics | 10 | 0 | 20 | 60 | 20 |
| Electronics | 15 | 7 | 27 | 34 | 33 |
| Telecommunication | 3 | 33 | 0 | 66 | 0 |
| Industrial Electronics | 6 | 17 | 0 | 34 | 50 |
| Statistical Process Control | 5 | 0 | 20 | 40 | 40 |
| CAM | 3 | 0 | 33 | 33 | 33 |
| CAD | 32 | 6 | 18 | 41 | 35 |
| СТІ | 2 | 0 | 50 | 50 | 0 |
| Automotive Tech | 9 | 22 | 22 | 44 | 11 |
| Autobody Repair | 4 . | 50 | 25 | 25 | 0 |
| Diesel | · 6 | 0 | 66 | 17 | 17 |
| AIT Building Maintenance | 3 | 33 | 0 | 33 | 33 |
| AIT Mechanical | 7 | 0 | 0 | 14 | 85 |
| Welding | 1 | 0 | 0 | 100 | 0 |
| AIT Electronics | 7 | 14 | 14 | 14 | 57 |
| Industrial Trades | 6 | 0 | 0 | 0 | 100 |
| ASEP | 7 | 57 | 43 | 0 | 0 |
| Civil Engineering | - 14 | 14 | 21 | 50 | 14 |
| Mechanical Engineering | 11 | 0 | 18 | 27 | 55 |
| Electro-Mechanical | 12 | 8 | 0 | 25 | 66 |



Table E.7 Have you enrolled at another college or university since graduation?

| | N | Yes (%) | No (%) |
|-----------------------------|------|---------|--------|
| Graduate Total | 430 | 23 | 77 |
| Engineering Total | 100 | 23 | 77 |
| Bio-Medical | 4 | 0 | 100 |
| Computer Electronics | 4 | 50 | 50 |
| Electronics | 6 | 17 | 83 |
| Telecommunication | 5 | 20 | 80 |
| Industrial Electronics | 5 | 0 | 100 |
| Statistical Process Control | 1 | 0 | 100 |
| CAM | 2 | 50 | 50 |
| CAD | . 19 | 47 | 53 |
| СТІ | 3 | 0 | 100 |
| Automotive Tech | 11 | 36 | 64 |
| Autobody Repair | 3 | 0 | 100 |
| Diesel | 3 | 0 | 100 |
| AIT Building Maintenance | 5 | 0 | 100 |
| AIT Mechanical | 1 | 0 | 100 |
| Welding | 1 | 100 | 0 |
| AIT Electronics | 6 | 17 | 83 |
| Industrial Trades | 1 | 0 | 100 |
| Civil Engineering | 10 | 50 | 50 |
| Mechanical Engineering | 5 | 20 | 80 |
| Electro-Mechanical | 5 | 60 | 40 |



Table E.8 Were you satisfied with your education at Owens?

| | N | Yes (%) | No (%) |
|-----------------------------|-----|---------|--------|
| Graduate Total | 363 | 95 | 5 |
| Engineering Total | 78 | 93 | 7 |
| | | | |
| Bio-Medical | 4 | 100 | 0 |
| Computer Electronics | 2 | 50 | 50 |
| Electronics | 5 | 100 | 0 |
| Telecommunication | 3 | 67 | 33 |
| Industrial Electronics | 4 | 100 | 0 |
| Statistical Process Control | 1 | 100 | 0 |
| CAM | 2 | . 100 | 0 |
| CAD | 16 | 100 | 0 |
| СТІ | 3 | 100 | 0 |
| Automotive Tech | 6 | 83 | 17 |
| Autobody Repair | . 4 | 100 | 0 |
| Diesel | 3 | 100 | 0 |
| AIT Building Maintenance | 5 | 80 | 20 |
| AIT Mechanical | 1 | 100 | 0 |
| Welding | 1 | 100 | Ó |
| AIT Electronics | 5 | 100 | 0 |
| Industrial Trades | 1 | 100 | 0 |
| Civil Engineering | 6 | 83 | 17_ |
| Mechanical Engineering | 4 | 100 | o |
| Electro-Mechanical | 2 | 100 | 0 |



Table E.9 Are you interested in taking other courses at Owens?

| | N _. | Yes (%) | No (%) |
|-----------------------------|----------------|-----------------|--------|
| Graduate Total | 330 | 46 | 55 |
| Engineering Total | 68 | 35 | 65 |
| Bio-Medical | 4 | 50 | 50 |
| Computer Electronics | 3 | 67 | 33 |
| Electronics | 5 | 40 | 60 |
| Telecommunication | 3 | 0 | 100 |
| Industrial Electronics | 1 | 0 | 100 |
| Statistical Process Control | 1 | 0 | 100 |
| CAM | 2 | 50 [,] | 50 |
| CAD | 13 | 46 | 54 |
| CTI | 3 | 67 | 33 |
| Automotive Tech | 7 | 86 | 14 |
| Autobody Repair | 3 | 0 | 100 |
| Diesel | 2 | 0 | 100 |
| AIT Building Maintenance | 3 | 67 | 33 |
| AIT Mechanical | 1 | 0 | 100 |
| Welding | 1 | 0 | 100 |
| AIT Electronics | 5 | 80 | 20 |
| Civil Engineering | 5 | 60 | 40 |
| Mechanical Engineering | 4 | 0 | 100 |
| Electro-Mechanical | 2 | 50 | 50 |



Public Service Technologies



Table PS.1 Employment Status

Public Service

| | N | Full-Time (%) | Part-Time (%) | Seeking (%) | Not Seeking (%) |
|------------------------------|----------------|---------------|---------------|-------------|--------------------|
| Graduate Total | 818 | 75 | 17 | 2 | 6 |
| Public Service Total | 65 ્ | 77 | 19 | 1 | 5 |
| Early Childhood Education | 19 | 53 | 37 | 0 | 11 |
| Law Enforcement | 3 9 | 77 | 19 | 2 | 4 |
| Fire Science | 7 | 100 | 0 | 0 | O |



Table PS.2 Is your present job related to your college major?

| | N | Yes (%) | No (%) |
|---------------------------|-----|---------|--------|
| Graduate Total | 756 | 86 | 14 |
| Public Service Total | 60 | 76 | 24 |
| Early Childhood Education | 18 | 100 | 0 |
| Law Enforcement | 35 | 72 | 28 |
| Fire Science | 7 | 57 | 43 |



Table PS.3 Were you working at this position before enrolling at Owens?

Public Service

| | N N | Yes (%) | No (%) |
|---------------------------|-----|---------|--------|
| Graduate Total | 758 | 46 | 54 |
| Public Service Total | 60 | 10 | 90 |
| Early Childhood Education | 18 | 0 | 100 |
| Law Enforcement | 35 | 0 | 100 |
| Fire Science | 7 | 29 | 71 |

Table PS.4 Were you working at this position before graduation?

| | N N | Yes (%) | No (%) |
|------------------------------|-----|------------|--------|
| Graduate Total | 758 | 46 | 54 |
| Public Service Total | 59 | 72 | 28 |
| Early Childhood Education | 18 | 44 | 56 |
| Law Enforcement | 34 | 8 5 | 15 |
| Fire Science | 7 | 86 | 14 |



Table PS.5 Source of job placement

Public Service

| | N | Placement Office (%) | Direct Application (%) | Other (%) |
|------------------------------|-----|----------------------|------------------------|-----------|
| Graduate Total | 711 | 25 | 42 | 33 |
| Public Service Total | 54 | 10 | 37 | 54 |
| Early Childhood Education | 16 | 25 | 19 | 56 |
| Law Enforcement | 31 | 4 | 20 | 77 |
| Fire Science | 7 | 0 | 71 | 29 |



Table PS.6 Annual Salary Public Service

| | N | · <\$12,000 (%) | \$12,000- \$17,999 (%) | \$18,000- \$23,999 (%) | >\$24,000 (%) |
|------------------------------|-----|--------------------|---------------------------|---------------------------|---------------|
| Graduate Total | 653 | 13 | 19 | 27 | 41 |
| Public Service Total | 59 | 27 | 42 | 7 | 24 |
| Early Childhood Education | 18 | 43 | 50 | 7 | 0 |
| Law Enforcement | 34 | 24 | 61 | 15 | 0 |
| Fire Science | 7 | 14 | 14 | 0 | 71 |



Table PS.7 Have you enrolled at another college or university since graduation?

| · | N | Yes (%) | No (%) |
|---------------------------|-------------|-----------|--------|
| Graduate Total | 4 30 | 23 | 77 |
| Public Service Total | 35 | 29 | 71 |
| Early Childhood Education | . 5 | 20 | 80 |
| Law Enforcement | 28 | 17 | 84 |
| Fire Science | 2 | 50 | 50 |



Table PS.8 Were you satisfied with your education at Owens?

Public Service

| | N | Yes (%) | No (%) |
|---------------------------|-----|---------|--------|
| Graduate Total | 363 | 95 | 5 |
| Public Service Total | 30 | 99 | 1 |
| Early Childhood Education | 3 | 100 | 0 |
| Law Enforcement | 25 | . 98 | 2 |
| Fire Science | 2 | 100 | 0 |



Table PS.9 Are you interested in taking other courses at Owens?

| | N | Yes (%) | No (%) |
|---------------------------|----------|-----------|--------|
| Graduate Total | 330 | 46 | 55 |
| Public Service Total | 29 | 30 | 70 |
| Early Childhood Education | 5 | 20 | 80 |
| Law Enforcement | 22 | 19 | 81 |
| Fire Science | 2 | 50 | 50 |



Appendix C

GRADUATE FOLLOW UP - December, 1992

| TE | CHNOLOGY |
|-----|--|
| NAI | ME S.S.# |
| ADI | DRESS |
| | (Street) (City) (County) (State) (Zip) |
| TEI | LEPHONE NUMBER |
| PLI | EASE CHECK WHEN APPLICABLE - EMPLOYMENT |
| 1. | I am employedFull-time;Part-time;Still looking;Not looking |
| 2. | Company Name |
| 3. | Company |
| 4. | Address (Street) (City) (County) (State) (Zip) Job Title |
| | My Yearly Salary Range Is: |
| _ | \$ Under 12,000 |
| 6. | We periodically survey employers to determine their perceptions of our courses and programs. We believe that the supervisors of our graduates have the best information on which to make a judgment about our educational programs. May we contact your immediate supervisor so he or she can have the opportunity to participate in such a survey? Yes No If yes, please provide the following information: |
| Sup | ervisor's Name Supervisor's Job Title |
| 7. | Is your present job related to your college major: Yes No |
| | What was the starting date of your job? |
| 9. | Were you working at this position before enrolling at Owens?YesNo |
| | Were you working at this position before graduation at Owens? Yes No |
| 11. | Were you working full-time or part-time while attending Owens? Yes No |
| 12- | The source of my original information leading to my present employment was: Placement Office;Faculty:Applied Direct;Relative or Friend;Newspaper;Internship/Co-op;Promotion or Transfer;Other |
| | - OVED _ |

| -5. | Have you enrolled at a college or university since graduation from Owens? YesNo |
|-----|--|
| | Name of School Major |
| | Name of School Major Full-time; Part-time; Did the college accept Owens' credits for transfer? Yes; No; Partially |
| | Are you interested in serving as a career information resource person? (an Owens student may contact me to talk about my work)Yes No |
| 15. | Were you satisfied with your education at Owens? Yes No Your thoughts on your education and its worth: |
| | |
| | |
| 6. | Do you have any suggestions on how the Career Planning and Placement Office could better serve student needs? |
| | |
| | |
| 17. | Are you interested in taking other courses at Owens? You may include courses not presently offered by Owens. |
| 17. | Are you interested in taking other courses at Owens? You may include |
| | Are you interested in taking other courses at Owens? You may include courses not presently offered by Owens. No Yes, what course(s)? |
| | Are you interested in taking other courses at Owens? You may include courses not presently offered by Owens. No Yes, what course(s)? Other plans and comments for Owens College: Positive comments, constructive |
| | Are you interested in taking other courses at Owens? You may include courses not presently offered by Owens. No |
| | Are you interested in taking other courses at Owens? You may include courses not presently offered by Owens. No Yes, what course(s)? Other plans and comments for Owens College: Positive comments, constructive |
| | Are you interested in taking other courses at Owens? You may include courses not presently offered by Owens. No Yes, what course(s)? Other plans and comments for Owens College: Positive comments, constructive |
| | Are you interested in taking other courses at Owens? You may include courses not presently offered by Owens. No Yes, what course(s)? Other plans and comments for Owens College: Positive comments, constructive |



Appendix D



Owens Graduate Profile: Academic Year 1992-1993

Number of Graduates : Fall 1992 = 327, Spring 1993 = 532

♦ Graduate Employment :

- ♦ 92% reported to be employed
- ♦ 86% reported to be employed in their technical field
- ♦ 75% reported to be employed full-time
- ♦ 17% reported to be employed part-time
- ♦ 66% reported to be employed in Lucas County
- ♦ 15% reported to be employed in Wood County
- ♦ 11% reported to be employed in Hancock County

Annual Graduate Salary :

- ♦ 28% reported to earn more than \$26,000
- ♦ 32% reported to earn between \$20,000 \$26,000
- ♦ 27% reported to earn between \$12,000 \$20,000

♦ Graduate Educational Status :

- ♦ 95% reported to be satisfied with the education earned at Owens
- ♦ 46% reported to be interested in taking additional classes at Owens
- ♦ 23% reported to have enrolled at another college or university

♦ Sample of Graduate Employers :

- St. Vincent's Medical Center
- ◆ Dow Chemical
- ♦ Libbey-Owens Ford Company
- ♦ Ohio Bell
- ◆ Toledo Edison

♦ Sample of Institutions to which Graduates Transfered

- ♦ Bowling Green State University
- ♦ University of Toledo
- ♦ Ohio State University
- ♦ Lourdes College
- ♦ University of Findlay

